

IN THE CLAIMS:

Please amend the claims as follows:

Please replace claim 1 with the following:

Q33 1 1. (AMENDED) A distance-measuring device comprising:  
2 two optical systems having a parallax therebetween;  
3 an image pick up element formed on a semiconductor  
4 substrate for picking up two images formed by the optical  
5 systems;  
6 image processing means formed on the semiconductor  
7 substrate for processing an image output from the image  
8 pick up element, the image processing means having a low  
9 resolution mode for generation of low resolution data from  
10 an image output of the image pick up element, and a high  
11 resolution mode for generation of high resolution data from  
12 an image output of the image pick up element;  
13 main subject detecting means for detecting a main  
14 subject on the basis of the low resolution data generated  
15 by the image processing means; and  
16 distance-measuring means for executing a distance  
17 measurement operation, based on the high resolution data  
18 generated by the image processing means, on the main  
19 subject detected by the main subject detecting means.

Please replace claim 3 with the following:

Q34 1 3. (AMENDED) The distance-measuring device according to  
2 claim 1, wherein the image processing means can  
3 individually generate the low resolution data to the main

4 subject detecting means and the high resolution data to the  
5 distance-measuring means.

(Please replace claim 4 with the following:)

1 4. (AMENDED) A camera including a distance-measuring  
2 device comprising:  
3 a photographic optical system having an adjustable  
4 focus;  
5 a distance-measuring optical system for dividing an  
6 image of a subject into two images;  
7 an image pick up element formed on a semiconductor  
8 substrate for picking up the two images divided by the  
9 distance-measuring optical system;  
10 an image processing circuit formed on the  
11 semiconductor substrate and capable of outputting low  
12 resolution data and high resolution data by processing an  
13 image output from the image pick up element; and  
14 a computing circuit for detecting a main subject on  
15 the basis of the low resolution data output from the image  
16 processing circuit, and outputting a focus adjusting signal  
17 to the photographic optical system, using the high  
18 resolution data output from the image processing circuit.

(Please replace claim 5 with the following:)

1 5. (AMENDED) A distance-measuring device comprising:  
2 a distance-measuring optical system for dividing an  
3 image of a subject into two images;  
4 an area sensor formed on a semiconductor substrate for  
5 picking up the two images;

6 a processing circuit formed on the semiconductor  
7 substrate and capable of generating low resolution outline  
8 data and high resolution distance measurement data on the  
9 subject on the basis of an output from the area sensor; and  
10 a control circuit for detecting a main subject from  
11 the low resolution outline data output from the processing  
12 circuit, setting a distance-measuring area for the main  
13 subject, and executing distance computation using the high  
14 resolution distance measurement data in the  
15 distance-measuring area.

934 (Please replace claim 6 with the following:)

Cont 1 6. (AMENDED) A distance-measuring device comprising:  
2 a distance-measuring optical system for dividing an  
3 image of a subject into two images;  
4 an area sensor formed on a semiconductor substrate for  
5 picking up the two images;  
6 a processing circuit formed on the semiconductor  
7 substrate and capable of generating low resolution outline  
8 data and high resolution distance measurement data on the  
9 subject on the basis of an output from the area sensor;  
10 main subject detecting means for detecting a main  
11 subject from the low resolution outline data;  
12 setting means for setting a distance-measuring area  
13 for the main subject; and  
14 distance-measuring means for executing a distance  
15 measurement operation on the set distance-measuring area,  
16 using the high resolution distance measurement data.

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Please cancel claims 2 and 9-11 without prejudice to,  
or disclaimer of, the subject matter recited therein.